Application No. 10/539,080 Docket No. SHIG CP22JU03SG Amendment B with RCE

AMENDMENTS TO THE CLAIMS:

Kindly cancel claim 6, without prejudice, amend claims 1, 2, 4, 5, 7 and 8, and add new claims 9 and 10 as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): A liquid fuel composition for an internal combustion engine having fuel delivery system parts formed of aluminum or an aluminum alloy, said liquid fuel composition[[,]] comprising N wt.% of an alcohol component of an aliphatic monohydric alcohol having 2 to 6 carbon atoms per molecule or a mixture thereof, wherein N is 2 to 85 wt.%, and 15 to 98 wt.% of a hydrocarbon component, said liquid fuel further containing an effective amount of a corrosion inhibitor for protecting the aluminum and aluminum alloy parts from corrosive reaction with said monohydric alcohol component of said fuel composition, when said parts are exposed to a temperature in the range of 80°C to 120°C, wherein said corrosion inhibitor comprises water in an amount corresponding to the larger of (a) 0.002×N wt.% or more, and (b) 0.1 wt.% of the resulting liquid fuel at least one compound selected from the group consisting of methanol, a glycol hydrocarbon, a ketone hydrocarbon, an ester hydrocarbon and an aldehyde hydrocarbon.

Claim 2 (currently amended): A liquid fuel composition for internal combustion engine having <u>fuel delivery</u> parts formed of aluminum or an aluminum alloy, <u>said liquid fuel</u> comprising 2 to 85 wt.% of an alcohol component of aliphatic monohydric alcohol having 2 to 6 carbon atoms per molecule or a mixture thereof, and 15 to 98 wt.% of a hydrocarbon component, said liquid fuel containing an aluminum corrosion inhibitor in an effective amount to inhibit corrosion of the aluminum or aluminum alloy <u>parts</u> [[at]] <u>when said parts are exposed</u>

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to a temperature in the range of 80°C to 120°C, [[and]] said aluminum or aluminum alloy corrosion inhibitor comprising water, and at least one membercompound selected from the group consisting of methanol, a glycol hydrocarbon, a ketone hydrocarbon, an ester hydrocarbon, and an aldehyde hydrocarbon.

Claim 3 (cancelled)

Claim 4 (currently amended): The liquid fuel composition according to claim 1, whereinfurther including at least one kind of ether component[[s]] having not more than 12 carbon atoms per molecule and having at least one other bond in the molecule is included in said liquid fuel.

Claim 5 (currently amended): The liquid fuel composition according to claim 2, whereinfurther including at least one kind of ether component[[s]] having not more than 12 carbon atoms per molecule and having at least one ether bond in the molecule is included in said liquid fuel.

Claim 6 (cancelled).

Claim 7 (currently amended): A method of preventing corrosion of [[an]] aluminum or aluminum alloy [[part]]parts of a fuel delivery system of an internal combustion engine, eaused by wherein the fuel is a synthetic liquid fuel containing an alcohol, [[which]] and the parts are exposed to a temperature in the range of 80°C to 120°C, wherein comprises:

providing as said liquid fuel comprises a liquid mixture comprising N wt.% of an aliphatic monohydric alcohol component having 2 to 6 carbon atoms per molecule or a mixture thereof, wherein N is between 2 and 85 wt.%, and 15 to 98 wt.% of a hydrocarbon component; said method comprising adding to said liquid fuel an effective amount of a corrosion inhibitor to prevent corrosive reaction of said monohydric alcohol and said aluminum or aluminum

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alloy, wherein the corrosion inhibitor comprises a mixture of water to the liquid mixture to provide a water content in the liquid mixture of at least (a) 0.002 x N wt.% of the aliphatic monohydric alcohol component of the liquid measure, and (b) 0.1 wt.% of the liquid fuel mixture; and

supplying the liquid mixture as a liquid fuel for the internal combustion engine and at least one compound selected from the group consisting of methanol, a glycol hydrocarbon, a ketone hydrocarbon, an ester hydrocarbon and an aldchyde hydrocarbon.

Claim 8 (currently amended): The method of claim 7, wherein the liquid mixture fuel further comprises an ether having not more than 12 carbon atoms per molecule.

Claim 9 (new): A method of preventing corrosion of aluminum or aluminum alloy parts of a fuel delivery system of an internal combustion engine, wherein the fuel is a synthetic liquid fuel containing an alcohol, and the parts are exposed to a temperature in the range of 80°C to 120°C, wherein said liquid fuel comprises a liquid mixture comprising N wt.% of an aliphatic monohydric alcohol component having 2 to 6 carbon atoms per molecule or a mixture thereof, wherein N is between 2 and 85 wt.%, and 15 to 98 wt.% of a hydrocarbon component; said method comprising adding to said liquid fuel an effective amount of a corrosion inhibitor to prevent corrosive reaction of said monohydric alcohol and said aluminum or aluminum alloy, wherein the corrosion inhibitor comprises at least one compound selected from the group consisting of methanol, a glycol hydrocarbon, a ketone hydrocarbon, an ester hydrocarbon and an aldehyde hydrocarbon.

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Claim 10 (new): The method of claim 9, wherein the liquid fuel further comprises an ether having not more than 12 carbon atoms per molecule.

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